

Work Order ID 54511

December 10, 2009 1:55:15 PM



Page 1

Item ID: D205-761-321

Accept



Setup Start



Revision ID:

Item Name: Wiring Harness

Stop



Start Date: 12/10/09 Start Qty: 1.00



Cust Item ID:

Required Date: 1/15/10 Req'd Qty: 1.00



Customer:

Reference:

Approvals: Process Plan: CL

Date: 09/12/10 Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	----------------	--------------	--------------	---------------	---------------	------------------	----------------

Draw Nbr * Revision Nbr

100



Purchasing

Memo

0.00

CL 09/12/10 ①

Purchasing

Issue P.O to Eagle 10924
Make in accordance to D205-761-321

110



Packaging

Receive & Inspect for Damage & Mat'l Certs

0.00

R00/07/22 C

Packaging

Memo

0.00

120



QC

QC6- Inspect dimensions to drawing

0.00

→ 8.00/0.06

Quality Control

0.00

(+) _____

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____
 Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 54511

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Page 2

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Required Date: 1/15/10 Req'd Qty: 1.00



Customer:

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run HoursDraw
NumberDraw
Rev.Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130



Identify as per dwg & Stock Location:

0.00

10-1-27

(1) SF

Packaging

Memo

0.00

Packaging

140



QC21- Final Inspection - Work Order Release

0.00

10/01/27 JF

QC

Memo

0.00

Quality Control

MF

10-1-27

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Page 1

December 10, 2009 1:55:15 PM

Work Order ID: 54511



Parent Item: D205-761-321



Parent Item Name: Wiring Harness

Start Date: 12/10/09

Required Date: 1/15/10

Comments:

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D205-761-321P		Purchased		No			Each	0.0000	1.0000		10/10/2009	C

Wiring Harnesses

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____
 Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

8 7 6 5 4 3 2 1

LIST OF MATERIALS				
ITEM	QTY	PART NUMBER	DESCRIPTION	SUPPLIER
1	2	MS3451W14S-7P	CONNECTOR, RECEPTACLE (J13/J14)	
2	AR (10)	M39029/29-212	CONTACTS, PINS	
3	6	MB5049/52S-14W	BACKSHELL	
4	2	MS3456W14S-7S	CONNECTOR, PLUG (P13A/P14A)	
5	AR (10)	M39029/30-218	CONTACTS, SOCKETS	
6	1	MS3451W14S-2P	CONNECTOR, RECEPTACLE (J18)	
7	1	MS3456W14S-2S	CONNECTOR, PLUG (P18A)	
8	2	18-200	QUIK-CONNECTOR, PLUG	VIVISUN
9	1	LED-40-17-HK-35402	ANNUNCIATOR (MASTER CAUTION)	VIVISUN
10	1	LED-40-17-HK-35401	ANNUNCIATOR (ENGINE FIRE)	VIVISUN
11	1	MS3474W20-41P	CONNECTOR, RECEPTACLE (J1001)	
12	AR (15)	M39029/4-110	CONTACTS, PINS	
13	1	MS3476W20-41S	CONNECTOR, PLUG (P1001)	
14	AR (15)	M39029/5-115	CONTACTS, SOCKETS	
15	2	MB5049/52S-20W	BACKSHELL	
16	1	MS3451W10SL-3P	CONNECTOR, RECEPTACLE (J17)	
17	3	MB5049/52S-10W	BACKSHELL	
18	2	MS3456W10SL-3S	CONNECTOR, PLUG (P17A/B)	
19	2	2-321895-2	LUGS, CHROMEL	TYCO
20	2	2-321895-4	LUGS, ALUMEL	TYCO
21	3	MB5049/52S-10W	BACKSHELL	
22	2	MS3456W10SL-3S	CONNECTOR, PLUG (P17A/B)	
19	2	2-321895-2	LUGS, CHROMEL	TYCO
20	2	2-321895-4	LUGS, ALUMEL	TYCO
21	1	D3705-9	INSTRUMENT FACE PLATE	DART AEROSPACE
22	1	18-258	PANEL PLUG, BLACK	VIVISUN

Colognialo

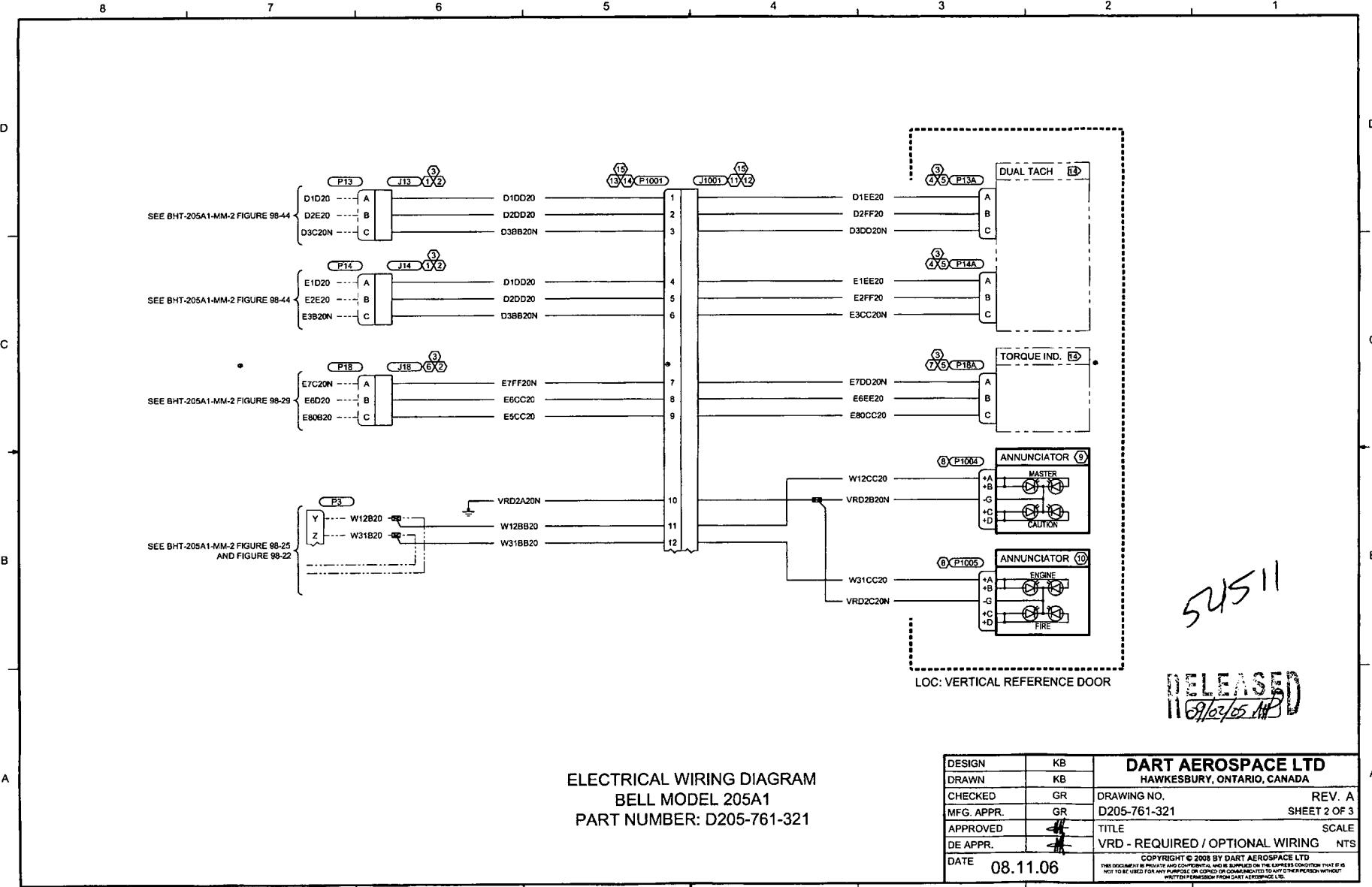
Wlo. 54511

NEW WIRE / UNIT
 EXISTING WIRE / UNIT

NOTES:

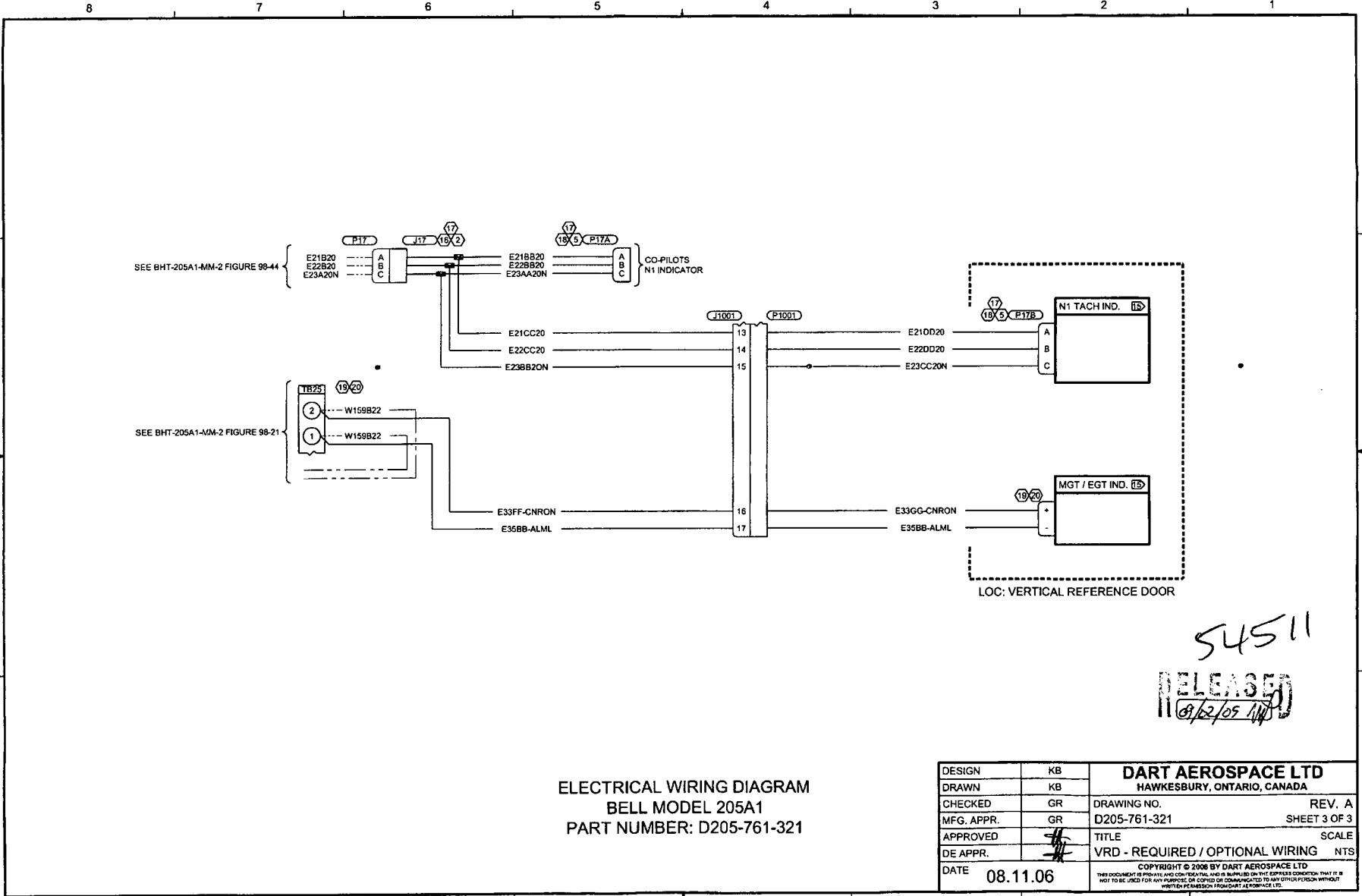
1. ALL NEW UNSHIELDED WIRE USE M22759/41-xx-y TYPE WIRE UNLESS OTHERWISE SPECIFIED.
2. ALL NEW TWISTED SHIELDED CABLE USE M27500-xxMxT23 TYPE CABLE UNLESS OTHERWISE SPECIFIED.
3. ALL WIRES 22 AWG UNLESS OTHERWISE SPECIFIED.
4. IDENTIFY/CODE ALL WIRES AND CABLES IN ACCORDANCE WITH BHT-ELEC-SPM CHAPTER 3.
5. KEEP ALL JUMPERS, SHIELD GNDs AND LOGIC STRAP WIRES AS SHORT AS POSSIBLE.
6. KEEP ALL POWER AND CHASSIS GROUND WIRES AS SHORT AS POSSIBLE.
7. ALL SPLICES MUST CONFORM TO MIL-S-8192A, OR EQUIVALENT AND BE INSTALLED IN ACCORDANCE WITH BHT-ELEC-SPM CHAPTER 4.
8. ALL TERMINALS TO BE INSTALLED IN ACCORDANCE WITH BHT-ELEC-SPM CHAPTER 4.
9. ALL ELECTRICAL GROUNDING AND BONDING TO BE CARRIED OUT PER BHT-ELEC-SPM CHAPTER 8.
10. PROVIDE SEPARATE GROUND STUD LOCATIONS FOR DC POWER GROUNDS, AC POWER GROUNDS, CHASSIS GROUNDS, SIGNAL GROUNDS AND SHIELD GROUNDS.
11. ALL CONNECTORS TO BE INSTALLED IN ACCORDANCE WITH BHT-ELEC-SPM CHAPTER 5.
12. ENSURE ALL UNUSED CONNECTOR CONTACTS ARE FILLED WITH SPARE PINS/SOCKETS OR PLASTIC GROMMET SEALING PLUGS.
13. ROUTE ALL WIRES AND CABLES WITH EXISTING WIRE AND CABLE RUNS IN ACCORDANCE WITH BHT-ELEC-SPM CHAPTER 6.
14. REMOVE INDICATOR FROM CO-PILOTS INSTRUMENT PANEL AND INSTALL IN VERTICAL REFERENCE DOOR.
15. CUSTOMER SUPPLIED MATERIAL

A	NEW ISSUE	KB	08.11.06
REV.	DESCRIPTION	BY	DATE
DESIGN	KB	DART AEROSPACE LTD	
DRAWN	KB	HAWKESBURY, ONTARIO, CANADA	
CHECKED	GR	DRAWING NO.	REV. A
MFG. APPR.	GR	D205-761-321	SHEET 1 OF 3
APPROVED	<u> </u>	TITLE	SCALE
DE APPR.	<u> </u>	VRD - REQUIRED / OPTIONAL WIRING	NTS
DATE	08.11.06	COPYRIGHT © 2006 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL, AND IS SUPPLIED ON THE FAITH SO THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT THE EXPRESS WRITTEN CONSENT OF DART AEROSPACE LTD.	



ELECTRICAL WIRING DIAGRAM
BELL MODEL 205A1
PART NUMBER: D205-761-321

DESIGN	KB	DART AEROSPACE LTD		
DRAWN	KB	HAWKESBURY, ONTARIO, CANADA		
CHECKED	GR	DRAWING NO.	REV. A	
MFG. APPR.	GR	D205-761-321	SHEET 2 OF 3	
APPROVED	<u> </u>	TITLE	SCALE	
DE APPR.	<u> </u>	VRD - REQUIRED OPTIONAL WIRING	NTS	
DATE	08.11.06	<small>COPYRIGHT © 2005 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL, AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT THE WRITTEN CONSENT OF DART AEROSPACE LTD.</small>		



Eagle Copters Maintenance Ltd

Packing Sl

823 McTavish Rd, NE
Calgary, Alberta T2E 7G9
Canada

Shipped Date: 01/20/2010

Telephone: (403) 250-7370

Fax: (403) 250-711

Shipment number: SH#10-000218

Ship To: Dart Aerospace Ltd.

1270 Aberdeen Street
Hawkesbury, Ontario K6A 1K7
Canada

Ship Via:

Carrier Terms:

Waybill:

Customer PO number: PO10926

Phone:

Item	Part Number	Part Description	Current Location	Qty	UOM	Serial Number	Lot Num
1	D205-761-321P	Vertical Reference Door Wiring Harness	Avionics Shop	1		N/A	

Work Order Number: 46327.1

Eagle P.O. Number:

* End of Report *

S
10/10/20

Work Order Number: 46327 Build V/Door Wiring Harness*This Work Report forms part of this aircraft's permanent technical records - DO NOT DESTROY.*

Item: 1 Vertical Reference Door Wiring Harness

Squawk: 1.1Discrepancy:

Build Vertical Reference
Door Wiring Harness
P/N:D205-761-321P

8/14/16

Resolution:

Built Vertical Reference
Door Wiring Harness
P/N:D205-761-321P IAW
DART DWG D205-761-321.

1.1 Work Done By: Paul Hernandez*The maintenance described above has been performed in accordance with the applicable standards of airworthiness.*

AMO 6-81 Signature: Graeme Rowe on 1/19/2010

Parts:

Part Number	Description	Serial Number	Lot Number	Condition	Qty
M85049/52S-14W	BACKSHELL		LT-09-015700	New	6
MS3456W14S-7S	CONNECTOR W/CON		LT-09-015481	New	2
MS3456W14S-2S	CONNECTOR		LT-09-015480	New	1
18-200	QUIK CONNECT		LT-09-015381	New	2
LED-40-17-HK-35402	INDICATOR ASSEMBLY - MASTER CAUTION		LT-08-014144	New	1
LED-40-17-HK-35401	INDICATOR ASSEMBLY - ENGINE FIRE		LT-08-014143	New	1
MS3474W20-41P	CONNECTOR		LT-10-000007	New	1
MS3476W20-41S	CONNECTOR		LT-09-015482	New	1
M85049/52S-20W	BACKSHELL		LT-09-015477	New	2
MS3456W10SL-3S	CONNECTOR		LT-09-015479	New	2
MS3451W14S-7P	CONNECTOR		LT-09-015694	New	2
MS3451W10SL-3P	CONNECTOR		LT-09-015478	New	1
MS3451W14S-2P	CONNECTOR		LT-09-015693	New	1
AN5538-1	TERMINAL		LT-05-011401	New	4
AN5538-2	TERMINAL		LT-05-011403	New	4
M85049/52S-10W	BACKSHELL		LT-09-015469	New	3
M39029/22-192	CONTACT		LT-09-011412	New	4
M22759/41-20-9	WIRE		LT-08-011921	New	230
M5846-2A2/16	ALML-CHROM CABL		LT-05-010096	New	15
I-608036-4	SILICON FUSION TAPE/BLACK		LT-09-015014	New	1
M22759/41-20-9	WIRE		LT-08-011921	New	194
M5846-1E2/20	WIRE		LT-06-000611	New	14

Outside Services:

Qty	Part Number	Serial Number	Part Description	Service Description

G. Rowe

Eagle	6-81	59
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***** Original Maintenance Releases and Independent Control Inspection details are stored electronically at *****
 ***** Eagle Copters Maintenance Ltd. in Calgary Alberta in the Corridor Software *****

Eagle Copters Maintenance Ltd

WORK REPORT

Work Order Number: 46327 Build V/Door Wiring Harness

This Work Report forms part of this aircraft's permanent technical records - **DO NOT DESTROY.**

Item: 2 Vertical Reference Door Wiring Harness

Squawk: 2.1

Discrepancy:

Build Vertical Reference
Door Wiring Harness
P/N:D205-761-321P

S106r/xx

Resolution:

Built Vertical Reference
Door Wiring Harness
P/N:D205-761-321P IAW
DART DWG D205-761-321.

2.1 Work Done By: Paul Hernandez

The maintenance described above has been performed in accordance with the applicable standards of airworthiness.

AMO 6-81 Signature: Graeme Rowe on 1/19/2010

Parts:

Part Number	Description	Serial Number	Lot Number	Condition	Qty
M85049/52S-14W	BACKSHELL		LT-09-015701	New	6
MS3456W14S-7S	CONNECTOR W/CON		LT-09-015474	New	2
MS3456W14S-2S	CONNECTOR		LT-09-015473	New	1
18-200	QUIK CONNECT		LT-09-015382	New	2
LED-40-17-HK-35402	INDICATOR ASSEMBLY - MASTER CAUTION		LT-08-014144	New	1
LED-40-17-HK-35401	INDICATOR ASSEMBLY - ENGINE FIRE		LT-08-014143	New	1
MS3474W20-41P	CONNECTOR		LT-10-000008	New	1
MS3476W20-41S	CONNECTOR		LT-09-015475	New	1
M85049/52S-20W	BACKSHELL		LT-09-015470	New	2
MS3456W10SL-3S	CONNECTOR		LT-09-015472	New	2
MS3451W14S-7P	CONNECTOR		LT-09-015697	New	2
MS3451W10SL-3P	CONNECTOR		LT-09-015471	New	1
MS3451W14S-2P	CONNECTOR		LT-09-015692	New	1
AN5538-1	TERMINAL		LT-05-011401	New	4
AN5538-2	TERMINAL		LT-05-011403	New	4
M39029/22-192	CONTACT		LT-09-011412	New	4
M85049/52S-10W	BACKSHELL		LT-09-015476	New	3
D-436-83	BLUR BUTT SLPICE/NICKEL		LT-09-010011	New	10
M22759/41-20-9	WIRE		LT-08-011921	New	194
1-608036-4	SILICON FUSION TAPE/BLACK		LT-09-015014	New	1
M39029/4-110	CONTACT		LT-05-003530	New	50
M5846-2A2/16	ALML-CHROM CABL		LT-05-010096	New	8

Outside Services:

Qty	Part Number	Serial Number	Part Description	Service Description

* End of Report *

J. Rowe

Eagle
6-81 59

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***** Eagle Copters Maintenance Ltd. in Calgary Alberta in the Corridor Software *****